Designing and Building Custom Underwater Instrument Housings

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MSB 114
Wednesday, March 02, 2011
3:00-3:30 pm Coffee Hour
3:30-4:30 pm Seminar

Abstract
Mr. Sexton has been designing underwater housings for scientific instruments and cameras for over 40 years. He will present a short video interview about how he got started in this field and some of the challenges of this profession. He will then narrate a slide show that describes the design and construction of acoustic tags for Northern Elephant seals for a research team from Oregon State University and UC Santa Cruz. The presentation covers the design challenge, project goals and criteria, CAD design techniques, construction details, and deployment of the tags on target animals at Año Nuevo State Reserve, California, in 2009. There should be time for questions at the conclusion of this presentation.

For advance information about this company, please see www.thesextonco.com.